

**Author:**

**Title: The Grading of canning crops in Pennsylvania**

**Place of Publication: Harrisburg**

**Copyright Date: 1942**

**Master Negative Storage Number: MNS# PSt SNP aAg084.19**

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HARRISBURG

THE GRADING OF CANNING CROPS  
IN  
PENNSYLVANIA  
1942  
SEASON

MILES HORST  
SECRETARY OF AGRICULTURE

1944 20



## THE GRADING OF CANNING CROPS IN PENNSYLVANIA

D. M. JAMES

This report of the 1942 grading of Pennsylvania canning crops is issued to give growers, canners, processors or other interested parties the current status of grading in the State with comparisons for previous years, together with data on average grades, prices and yields of principal canning crops.

The purchase of canning crops on the basis of official grades has become standard for apples, cherries, grapes and tomatoes. Also it has been increasing steadily on small fruits, berries, corn, peas and beans.

During 1942 Pennsylvania processors purchased 353,857,000 pounds of fruits and vegetables for processing on the basis of official grades under Federal- State inspection. This was the highest for any season since the grading work started during 1927. The previous record was 312,405,000 pounds inspected in 1941.

During 1942 the grading of canning crops in Pennsylvania was operated under the joint supervision of the United States and Pennsylvania Departments of Agriculture. In previous years this work was carried on as a State enterprise but received assistance and guidance from the U. S. Department, particularly in the furnishing of trained inspectors and in the interpretation of grades. This cooperation from the U. S. D. A. has been greatly appreciated. The Pennsylvania Department also takes this means of expressing appreciation to growers and processors who have cooperated to make this work successful.

Applications received at the Department of Agriculture indicate an increase in inspector locations in the State during 1943 over any previous year. Whether the total volume of products inspected will likewise increase will of course depend on crop conditions.



CANNERY CROPS INSPECTED IN PENNSYLVANIA 1932 to 1942

	THOUSAND POUNDS										
	<u>1942</u>	<u>1941</u>	<u>1940</u>	<u>1939</u>	<u>1938</u>	<u>1937</u>	<u>1936</u>	<u>1935</u>	<u>1934</u>	<u>1933</u>	<u>1932</u>
TOTALS	353,357	312,405	219,729	269,931	193,600	161,141	135,103	102,734	74,920	46,716	63,697
APPLES	132,021	106,659	70,363	75,719	55,819	64,213	53,754	48,233	35,553	22,983	41,972
BERRIES	1,446	1,761	375	295	73	---	344	---	12	19	---
CHERRIES	8,738	10,613	7,423	7,356	4,166	7,707	4,984	4,997	2,051	307	657
CORN	21,742	24,030	13,306	15,593	13,421	5,860	1,620	1,193	---	---	---
GRAPES	20,234	11,135	13,904	16,213	10,540	10,680	10,540	9,109	6,397	3,400	3,914
LIMA BEANS	42	---	64	418	273	159	---	---	---	---	---
PEAS	5,436	7,043	5,125	2,081	4,772	3,705	1,009	1,044	---	---	---
PEACHES	510	---	520	2,098	---	---	---	---	---	---	---
PLUMS	169	693	---	---	21	---	---	---	---	---	---
SNAP BEANS	42	547	502	---	---	---	---	---	---	---	112
TOMATOES	163,427	149,222	103,147	148,159	104,565	61,192	57,952	38,158	30,907	20,007	21,694

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BULK APPLE GRADING 1942

Setting a new record for Pennsylvania 132,021,000 pounds of apples for processing were purchased in 1942 on the basis of Federal grades under Federal-State inspection. The former record was in 1941 with 106,659,000 pounds graded. The average grades for the 1942 season based on cannery grades were 73% U. S. No. 1, 2½ inches up, 11% U. S. No. 1, 2¼-2½ inches, 7% U. S. No. 2, 7% ciders and 2% culls.

Inspectors were located at the following receiving points to inspect bulk apples in 1942.

Adams Apple Products Corp.	Aspers, Pa.
Knouse Corporation	Peach Glen and Chambersburg, Pa.
C. H. Musselman Co.	Biglerville and Gardners, Pa.
Orrtanna Canning Co.	Orrtanna, Pa.

GRADING OF BERRIES 1942

The grading of berries including strawberries, currents, raspberries, dewberries and gooseberries decreased slightly in 1942 from the 1941 total, from 1,761,000 to 1,445,503, most of which were processed for freezing.

Inspectors were located at the following processing plants for the grading of these products.

Keystone Cooperative Ass'n.	North East, Pa.
C. H. Musselman Co.	Biglerville, Pa.
Sunshine Packing Co.	North East, Pa.
Todkill and Chapman	North East, Pa.

CHERRY GRADING 1942

During the 1942 season the processors of the State purchased 8,737,537 pounds of cherries for processing under Federal-State inspection. The bulk of these consisted of sour cherries. This total was nearly 2,000,000 pounds less

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than in 1941. Average grades for the season was 88% U. S. No. 1 and 12% culls. This was 3% lower on U. S. #1 and 3% higher on culls than in 1941 due principally to adverse weather conditions during the harvesting period.

Inspectors were located at the following receiving points.

Keystone Cooperative Ass'n	North East, Pa.
C. B. Musselman Co.	Biglerville, Pa.
Sunshine Packing Co.	North East, Pa.
Orrtanna Canning Co.	Orrtanna, Pa.
Todkill and Chapman	North East, Pa.

#### CORN GRADING 1942

The volume of corn graded in Pennsylvania for canners, dryers and freezers in 1942 amounted 21,741,550 pounds compared to 24,030,662 pounds in 1941. The average grades were 90% U. S. No. 1, Maturity A, 4% U. S. No. 1, Maturity B and 6% culls. The average price for graded corn in the State was \$14.86 compared with an average price of \$12.75 during the 1941 season.

Inspectors were located at the following processing plants.

Cope Bros.	Manheim, Pa.
Martin Cope	Rheems, Pa.
Mifflin County Canning Co.	Reedsville, Pa.
C. G. Summers Jr., Inc.	New Freedom, Pa.
George Smith	New Park, Pa.
James Smith	Fawn Grove, Pa.

#### GRAPE GRADING 1942

The largest volume of grapes ever inspected for processing in Pennsylvania was certified during 1942. This amounted to 20,234,000 pounds compared with the previous record of 16,213,000 pounds in 1939.

Inspectors were located at the following grape processing plants.

Keystone Cooperative Ass'n.	North East, Pa.
Sunshine Packing Corp.	North East, Pa.
Welch Grape Juice Co.	North East, Pa.

#### PEA GRADING 1942

The volume of graded peas for canning and freezing dropped slightly during 1940 season from the previous record high-7,043,000 pounds graded in 1941. In 1942 this certification totaled 5,486,101 pounds. The average price per ton was \$76.86 as compared with \$57.13 a ton during 1941.

Inspectors were located at the following receiving points during the season.

Big Valley Canning Co.	Belleville, Pa.
Bloomsburg Packing Co.	Bloomsburg, Pa.
Consumers' Ice and Coal Co.	Lancaster, Pa.
B. F. Shriver Co.	Littlestown, Pa.
C. G. Summers Jr., Inc.	New Freedom, Pa.
D. E. Winebrenner Co.	Hanover, Pa.

#### TOMATO GRADING 1942

During 1942 most existing records concerning the growing of cannery tomatoes in Pennsylvania were broken. The 28,500 acres harvested surpassed 1941 by nearly 8000 acres, an increase of approximately 40%. The 163,426,642 pounds graded by Federal-State inspectors was 14,203,957 pounds greater than in 1941. The average yield per acre-5.7 tons was nearly 1½ tons less than in 1941 but exceeded the 10 years average yield-1930 through 1940 by over half a ton. During 1942 the average grades for the State were 60% U. S. #1, 38% U. S. #2 and 2% culls.

The average price for tomatoes purchased on the basis of U. S. grades was



\$20.30 per ton the highest ever paid, compared with \$16.25 in 1941.

Tomatoes were inspected at 37 inspection stations in the State during 1942 compared with 29 stations in 1941, 26 in 1940, and 22 in 1939.

# CLASSIFICATION OF GRADED TOMATOES IN PENNSYLVANIA

1932 to 1942 INCLUSIVE

	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932
U. S. No. 1	60	67	60	68	65	60	76	61	61	51	52
U. S. No. 2	38	31	37	30	32	36	22	35	34	43	43
Culls	2	2	3	2	3	4	2	4	5	6	5

## STATE INSPECTORS WERE LOCATED AT THE FOLLOWING TOMATO RECEIVING POINTS IN 1942

Adams Apple Corp.	Aspers, Pa.
W. F. Assau Canning Co.	Wakefield, Pa.
Big Valley Canning Co.	Belleville, Pa.
Bloomsburg Packing Co.	Bloomsburg, Pa.
Burgoon & Yingling	Gettysburg, Pa.
Campbell Soup Co.	Lancaster & Lebanon, Pa.
Chef Boiardi Co.	Milton, Pa.
Codorus Canning Co.	Jefferson, Pa.
Gibbs and Co.	Quarryville, Pa.
Greencastle Packing Co.	Greencastle & McConnellsburg, Pa.
G. L. F. Canning Co.	Bloomsburg, Pa.
Hanover Canning Co.	Hanover, Pa.
M. Harner	Littlestown, Pa.
H. J. Heinz Co.	Chambersburg, Bloomsburg, Florin, Millersville, Mechanicsburg and North Girard, Pa.
Hutchison Canning Co.	Mt. Union, Pa.
Juniata County Canning Co.	McAlisterville, Pa.
Keystone Canning Co.	Mt. Holly Spring, Pa.
Keystone Cooperative Ass'n.	North East, Pa.
Landreth Seed Co.	Bristol, Pa.
Loudon Packing Co.	Lititz, Pa.
Lineboro Canning Co.	Lineboro, Md.
Mifflin County Canning Co.	Reedsville, Pa.
C. H. Musselman Co.	Biglerville, Pa.
Myers Canning Co.	Spring Grove, Pa.
Raymond Shenk Canning Co.	Newville, Pa.
Saulsbury Canning Co.	Sells Station, Pa.
B. F. Shriver Co.	Littlestown, Pa.
G. Bartol Silver Inc.	Christiana, Pa.
Chas. G. Summers Jr. Inc.	New Freedom, Pa.
D. E. Winebrenner Co.	Hanover, Pa.

## Supervision and Cost of Cannery Products Inspection.

This is a self-supporting service under Federal-State supervision. U. S. grades adopted as official for use in Pennsylvania are used as far as possible. Strict adherence to the various specifications is practiced except where canners specify certain grade changes in contracting with the growers. All inspectors are trained, licensed and supervised by the Federal-State of Pennsylvania Inspection Service.

The charges for the service in 1942 were \$54.00 a week for the high rate inspection of which \$4.20 covered State and Federal expenses of supervision, the balance being used to meet the actual expenses of the service including wages, compensation insurance, inspectors' reporting expenses, etc.

Additional copies of this report or further information regarding this service will be furnished upon request from the Bureau of Markets, Harrisburg, Pennsylvania.



The following table is compiled from reports of U. S. Bureau of Agricultural Economics and shows acreage, yield per acre, price per ton and Pennsylvania's rank in four cannerly products.

Pennsylvania Canning Crop Acreage, Yield and Price Per Ton With Comparisons

CROP & RANK	ACRES	YIELD IN TONS			PRICE PER TON		
		10-yr. aver. 1931-40	1941	1942	10-yr. aver. 1931-40	1941	1942
GREEN & WAX BEANS	2210	3060	3700	1.4	1.2	2.1	37.20
PENNSYLVANIA RANK	5th	9th	9th	8th	9th	7th	14th
SWEET CORN	7430	13,300	14,700	1.9	2.3	2.4	11.00
PENNSYLVANIA	10th	9th	9th	13th	13th	11th	7th
PEAS	4530	5800	8500	.9	1.1	.7	52.10
PENNSYLVANIA RANK	11th	12th	12th	5th	4th	15th	5th
TOMATOES	11,900	20,600	23,500	5.1	7.1	5.7	13.70
PENNSYLVANIA RANK	10th	7th	7th	8th	7th	8th	3rd
TOTAL PENNA. ACREAGE	26,120	42,760	55,400				
		TOTAL CASH RETURN					
		THESE PENNA. CANNING CROPS					
		\$1,452,000			\$3,600,000		
		\$5,150,000					

**END OF YEAR**



**End of  
Title**